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11 January 1966

MEMORANDUM FOR: Deputy Director for Science and Technology
SUBJECT: Daily Activity Report - 11 January 1966

1. FIELD ACTIVITIES

a. GOLDEN TREE

(1) Not sched 11 Jan 66

b. BLUE SPRINGS

(1) #5133: cnx due wx - 11 Jan.

c. TROJAN HORSE

(1) [redacted] (NVN) Flown 11/0230-0552Z, 90%.

2. OX CART Flight Summary

b. There were two OXCART flights completed on 10 January.

(1) Article 121, Flt 200. Pilot: [redacted] Duration - one hour and 25 minutes. Max MW: 3.19MW. Max alt: 82,000 ft. Time over 2.0MW: 41 Min. Time over 2.6MW: 36 Min. Time over 2.8 MW: 34 Min. Time over 3.0 MW: 31 Min. Time over 3.2 MW: 28 Min. Time over 50,000 Ft: 43 Min.

Purpose: Heat sink evaluation on left engine.

Summary: Take-off and climb normal to 3.2 Mach.

Right CIP dropped 4 PSI momentarily. Mach hold varied from 3.13 Mach to 3.17 Mach when set at 3.15 Mach. After cruising shut down left engine at 3.15 Mach and descended to 20,000 ft altitude. Cruised for 3 minutes then restarted left engine at 20,000 ft, 350 KEAD, 0.8 Mach number. Landing, chute normal.

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(2) Article 129, Flt 153. Pilot:
Duration: 57 Min. Max MN: 3.21 MN. Max alt: 80,500 ft. Time over 2.0MN: 50 Min. Time over 2.6MN: 35 MN. Time over 2.8 MN: 30 Min. Time over 3.0MN: 25 Min. Time over 3.2 MN: 18 Min. Time over 50,000 MN: 50 Min. Purpose: Ejector flap pressure data.
Summary: During engine start on right engine starting slow to light. At 150 knots thrust was unsymmetrical. Climbed at 0.9 Mach to 30,000 ft then dived to supersonic. At 1.45 Mach noted a high frequency buzz in rudder pedals which discontinued at 1.50 Mach. Went auto forward doors at 1.7 Mach and 50 percent on aft doors. Pitch autopilot was too sensitive, so disengaged it. Pilot stated acceleration was the best of all to date. Cruised for 25 minutes. Cockpit temperature 30 degrees. Inadvertently cycled cockpit dump and cockpit went up to 35,000 ft momentarily. SAS good. INS good. Descent with forward doors open. Came back to 6800 RPM at 2.5 Mach. Landing, chute normal. During turn into ramp left engine flames out.

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b. There are three OXCART flights scheduled for 11 January.

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